

VI.5.3C-RRS-ERROR PROGRAM FCST FUNCTION RRS ERROR AND WARNING
MESSAGES

Many error and warning messages may be printed and are not all listed here.

Some of the messages are only printed if Techniques RWWARN or OBSFUTWN are on.

Some of the general error messages produced within the RRS function are as follows:

1. ****WARNING**** THE RUN PERIOD FOR XXX DAYS EXCEEDS THE NUMBER OF DAYS OF DATA THAT CAN BE HELD IN THE PDB WHICH IS XXX.
THE RUN PERIOD WILL BE TRUNCATED TO GO FROM MM/DD/YYYY HH TZC TO MM/DD/YYYY HH TZC.

Action: Correct run period for subsequent runs or increase the number of days of data to be stored in the PDB.

2. ****WARNING**** MORE THAN XXX CARD IMAGES FOUND. THE FIRST XXX CARD IMAGES RETURNED FROM HCL FOR MOD XXXXXXXX WILL BE PROCESSED.

Action: Reduce the number of MOD cards used or make multiple runs.

3. ****WARNING**** THE FOLLOWING MOD CARD WILL NOT BE PROCESSED BECAUSE IT CONTAINS LESS THAN THREE FIELDS.

Action: The MOD must contain at least the station id, data type and a date field. Check that the MOD card has these three parameters.

4. ****WARNING**** THE LAST HOUR OF OBSERVED DATA FOR STATION XXXXXX AND DATA TYPE XXXX WAS XX/XX/XXXX XX. THE VALUE OF TECHNIQUE LSTCMPDY WAS XX/XX/XXXX XX.
(SOME FUTURE DATA WILL BE TREATED AS REGULAR DATA)
OR
(SOME REGULAR DATA WILL BE TREATED AS FUTURE DATA).

Action: For the case of future data treated as regular data, this means that the end time of the observed data period (LSTCMPDY) has been set forward past the time of some future observation(s) that are still in the PPDB. Thus, one should first check if LSTCMPDY is set correctly. If it is, then the question becomes, are the previously generated future (projected) values still valid or should they be updated? For regular data treated as future data, either LSTCMPDY is not consistent with the most recent data that have been posted or an observation has been posted at some time in the future. Thus, one should either update LSTCMPDY or check (using PPDUTIL) if some data has been mistakenly posted in the preprocessor data base at some future time. For both of these messages, the RRS data are processed in a normal fashion. LSTCMPDY is used to

specify the last observed time series value. These warnings can be turned off using Ttechnique OBSFUTWN.

5. ****WARNING**** DATA FOR STATION XXXXXXXXX AND DATA TYPE XXXX WAS NOT RETURNED FROM THE PDB FOR INTERNAL Z HOUR XXXXXXXX. CHECK TIME SERIES IN PDB. IT SHOULD NOT HAVE GAPS IN THE RECORD OR CONTAIN MISSING DATA.

Action: This message occurs when RRS tries to interpolate values for a time series that cannot contain missing data, there is no observation at the start of the run and RRS attempts to use the last value (prior to the start of the run) from the processed data base (PDB) but finds that value to be missing. For RRS to work properly, one should either post a value at the start of the run or back up STARTRUN to when there is a value in the PDB. The values in the PDB can be checked with PRDUTIL.

6. ****WARNING**** SOME OBSERVED DATA WAS TRUNCATED FOR XXXXXXXX XXXX TO FIT IN PDB.

Action: This message occurs when the number of periods of future time series data requested exceeds the number that the processed data base can hold and there is a valid observation in the future period requested. The data will be processed in a normal fashion. The warning can be avoided by having Technique RWWARN turned off or by setting back the time of Technique ENDRUN.